

## Author Index

- Adams, J.W., see Buttner, W.J. 63
- Adeloju, S.B.  
—, Shaw, S.J. and Wallace, G.G.  
Pulsed-amperometric detection of urea in blood samples on a conducting polypyrrole-urease biosensor 155
- Adlercreutz, P., see Hedenfalk, M. 269
- Akapo, S.O.  
—, Evaluation of transition metal complexes of aminopropylsilyl-dithioxamide bonded phases for gas chromatography 35
- Akhtar, P.  
—, Too, C.O. and Wallace, G.G.  
Detection of haloacetic acids at conductive electroactive polymer-modified microelectrodes 141
- Albin, V., see Bedioui, F. 177
- Allen, H.E., see Yin, Y. 73
- Amemiya, S.  
—, Bühlmann, P., Tohda, K. and Umezawa, Y.  
Hydrogen bond based recognition of nucleotides by neutral-carrier ion-selective electrodes 129
- Ashraf-Khorassani, M., see Combs, M.T. 285
- Bergevoet, A.J.H. see Schipper, E.F. 171
- Bühlmann, P., see Amemiya, S. 129
- Bedioui, F.  
—, Trevin, S., Albin, V., Villegas, M.G.G. and Devynck, J.  
Design and characterization of chemically modified electrodes with iron(III) porphyrinic-based polymers: Study of their reactivity toward nitrites and nitric oxide in aqueous solution 177
- Buttner, W.J.  
—, Findlay, M., Vickers, W., Davis, W.M., Cespedes, E.R., Cooper, S. and Adams, J.W.  
In situ detection of trinitrotoluene and other nitrated explosives in soils 63
- Casassas, E., see Grabarić, B.S. 105
- Cespedes, E.R., see Buttner, W.J. 63
- Chen, G.N.  
—, Lin, R.E., Zhao, Z.F., Duan, J.P. and Zhang, L.  
Electrogenerated chemiluminescence for determination of indole and tryptophan 251
- Chen, M.-C.  
— and Huang, H.-J.  
Application of a nickel-microelectrode-incorporated end-column detector for capillary electrophoretic determination of alditols and alcohols 83
- Chen, Y., see Li, L. 241
- Combs, M.T.  
—, Gandee, M., Ashraf-Khorassani, M. and Taylor, L.T.  
Temperature and pressure effects on the supercritical fluid extraction profiles of sulfonamides from a spiked matrix using CHF<sub>3</sub> and CO<sub>2</sub> 285
- Cooksey, B.G., see Gibson, L.T. 1
- Cooksey, B.G., see Gibson, L.T. 11
- Cooper, S., see Buttner, W.J. 63
- Davis, W.M., see Buttner, W.J. 63
- Deng, J., see Liu, B. 161
- Devi, S., see Shah, R. 217
- Devynck, J., see Bedioui, F. 177
- Duan, J.P., see Chen, G.N. 251
- Esteban, M., see Grabarić, B.S. 105
- Feng, J., see Johnson, S.K. 205
- Findlay, M., see Buttner, W.J. 63
- Gandee, M., see Combs, M.T. 285
- Gesser, H.D., see McComb, M.E. 229
- Gibson, L.T.  
—, Cooksey, B.G., Littlejohn, D. and Tennent, N.H.  
Determination of experimental diffusion coefficients of acetic acid and formic acid vapours in air using a passive sampler 1
- Gibson, L.T.  
—, Cooksey, B.G., Littlejohn, D. and Tennent, N.H.  
A diffusion tube sampler for the determination of acetic acid and formic acid vapours in museum cabinets 11
- Grabarić, B.S.  
—, Grabarić, Z., Tauler, R., Esteban, M. and Casassas, E.  
Application of multivariate curve resolution to the voltammetric data. Factor analysis ambiguities in the study of weak consecutive complexation of metal ion with ligand 105
- Grabarić, Z., see Grabarić, B.S. 105
- Greve, J., see Schipper, E.F. 171

- Heberer, T.  
— and Stan, H.  
Detection of more than 50 substituted phenols as their *t*-butyl-dimethylsilyl derivatives using gas chromatography-mass spectrometry 21
- Hedenfalk, M.  
—, Adlercreutz, P. and Mattiasson, B.  
Modulation of the measuring range of a radioimmunoassay using an organic water two phase system 269
- Hosten, E., see Rohwer, H. 263
- Houk, L.L., see Johnson, S.K. 205
- Houk, R.S., see Johnson, S.K. 205
- Hu, R., see Liu, B. 161
- Huang, C.P., see Yin, Y. 73
- Huang, H.-J., see Chen, M.-C. 83
- Inoue, K., see Ohto, K. 275
- Ishii, T., see Watanabe, T. 257
- Iwasaki, M., see Ohto, K. 275
- Johnson, D.C., see Johnson, S.K. 205
- Johnson, S.K.  
—, Houk, L.L., Feng, J., Johnson, D.C. and Houk, R.S.  
Determination of small carboxylic acids by ion exclusion chromatography with electrospray mass spectrometry 205
- Klopf, G.J., see Ridlen, J.S. 195
- Kooyman, R.P.H., see Schipper, E.F. 171
- Krech, J.H.  
— and Rose-Pehrsson, S.L.  
Detection of volatile organic compounds in the vapor phase using solvatochromic dye-doped polymers 53
- Lanza, P.  
—, Polarographic determination of yttrium based on reduction of its solochrome violet RS complex. Application to the analysis of the superconductor YBa<sub>2</sub>Cu<sub>3</sub>O<sub>y</sub> 91
- Li, K.-a., see Wei, Y.-j. 97
- Li, L.  
—, Chen, Y., Zhao, Y. and Tong, A.  
Room-temperature phosphorescence of dansyl chloride solution in the absence of protective medium and its medium effect 241
- Lin, R.E., see Chen, G.N. 251
- Littlejohn, D., see Gibson, L.T. 1
- Littlejohn, D., see Gibson, L.T. 11
- Liu, B.  
—, Hu, R. and Deng, J.  
Studies on a potentiometric urea biosensor based on an ammonia electrode and urease, immobilized on a  $\gamma$ -aluminum oxide matrix 161
- Mattiasson, B., see Hedenfalk, M. 269
- McComb, M.E.  
— and Gesser, H.D.  
Passive monitoring of trace metals in water by in situ sample preconcentration via chelation on a textile based solid sorbent 229
- Meruva, R.K.  
— and Meyerhoff, M.E.  
Potentiometric oxygen sensor based on mixed potential of cobalt wire electrode 187
- Meyerhoff, M.E., see Meruva, R.K. 187
- Miwa, T., see Munaf, E. 225
- Morf, W.E.  
—, Theoretical treatment of the current vs. time response of microelectrode arrays to changes of potential, concentration, or flow 121
- Munaf, E.  
—, Zein, R., Takeuchi, T. and Miwa, T.  
Application of a silica gel column for the simultaneous determination of alkali and alkaline-earth metal ions with indirect photometric detection using benzyltrimethylammonium chloride as visualization agent 225
- Murakami, E., see Ohto, K. 275
- Nakazawa, H., see Watanabe, T. 257
- Nieman, T.A., see Ridlen, J.S. 195
- Ohto, K.  
—, Murakami, E., Shinohara, T., Shiratsuchi, K., Inoue, K. and Iwasaki, M.  
Selective extraction of silver(I) over palladium(II) with ketonic derivatives of calixarenes from highly concentrated nitric acid 275
- Rheeder, N., see Rohwer, H. 263
- Ridlen, J.S.  
—, Klopf, G.J. and Nieman, T.A.  
Determination of glyphosate and related compounds using HPLC with tris(2,2'-bipyridyl)ruthenium(II) electrogenerated chemiluminescence detection 195
- Rohwer, H.  
—, Rheeder, N. and Hosten, E.  
Interactions of uranium and thorium with arsenazo III in an aqueous medium 263
- Rose-Pehrsson, S.L., see Krech, J.H. 53
- Sanders, P.F., see Yin, Y. 73
- Schipper, E.F.  
—, Bergevoet, A.J.H., Kooyman, R.P.H. and Greve, J.  
New detection method for atrazine pesticides with the optical waveguide Mach-Zehnder immunosensor 171
- Shah, R.  
— and Devi, S.  
Preconcentration and separation of palladium(II) and platinum(IV) on a dithizone anchored poly(vinylpyridine)-based chelating resin 217
- Shaw, S.J., see Adeloju, S.B. 155
- Shinohara, T., see Ohto, K. 275
- Shiratsuchi, K., see Ohto, K. 275
- Stan, H.-J., see Heberer, T. 21
- Takeuchi, T., see Munaf, E. 225

- Tan, A.  
— and Xiao, C.  
Direct determination of caustic hydroxide by a micro-titration method with dual-wavelength photometric end-point detection 297
- Tauler, R., see Grabarić, B.S. 105
- Taylor, L.T., see Combs, M.T. 285
- Tennent, N.H., see Gibson, L.T. 1
- Tennent, N.H., see Gibson, L.T. 11
- Tohda, K., see Amemiya, S. 129
- Tong, A., see Li, L. 241
- Tong, S.-y., see Wei, Y.-j. 97
- Too, C.O., see Akhtar, P. 141
- Trevin, S., see Bedioui, F. 177
- Umezawa, Y., see Amemiya, S. 129
- Vickers, W., see Buttner, W.J. 63
- Villegas, M.G.G., see Bedioui, F. 177
- Wallace, G.G., see Adeloju, S.B. 155
- Wallace, G.G., see Akhtar, P. 141
- Watanabe, T.  
—, Ishii, T., Yoshimura, Y. and Nakazawa, H.  
Determination of chlorine dioxide using 4-aminoantipyrine and phenol by flow injection analysis 257
- Wei, Y.-j.  
—, Li, K.-a. and Tong, S.-y.  
Spectral study of interaction of thymol blue with protein in acidic solution 97
- Wightman, R.M., see Xin, Q. 43
- Xiao, C., see Tan, A. 297
- Xin, Q.  
— and Wightman, R.M.  
Enzyme modified amperometric sensors for choline and acetylcholine with tetrathiafulvalene tetracyanoquinodimethane as the electron-transfer mediator 43
- Yin, Y.  
—, Allen, H.E., Huang, C.P. and Sanders, P.F.  
Interaction of Hg(II) with soil-derived humic substances 73
- Yoshimura, Y., see Watanabe, T. 257
- Zein, R., see Munaf, E. 225
- Zhang, L., see Chen, G.N. 251
- Zhao, Y., see Li, L. 241
- Zhao, Z.F., see Chen, G.N. 251

